

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type: Video Projector
Manufacturer: Projectiondesign
Firmware Version: N/A
Model(s): Cineo 30, Cineo 32, F30 wuxga, F30 sx+, F30 1080, F32 1080, F32 SX+, F32 WUXGA

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
7	9/13/2011	1.4.0	3.2.0	Added Operation Hours.
6	01/20/2011	1.4.0	3.0.4	Added model Cineo 32. Modified Stop state on press/release commands.
5	10/16/2009	1.4.0	3.0.1	Added model F32 1080, F32 SX+, F32 WUXGA.
4	08/11/2009	1.3.11.1	2.5.1	Added Serial Number status. Added MLC 62 support
3	01/15/2009	1.3.11.1	2.5.0	Extron Certified version. Added firmware version to communication sheet
2	12/08/2008	1.3.11.1	2.4.1	Extron Certified version. Tested on Cineo 30+
1	04/29/2008	1.3.11.1	2.4.0	Initial version.

Driver Notes:

Zoom, Iris, Lens Shift, and Focus have press-release functionality. Added stop command for MLC compatibility.

IP Link[®] Device Interface Communication Sheet

Control Commands & States:

Aspect Ratio	1:1 Fill All Letterbx to 16:9	16:9 Fill Aspect Ratio	4:3 Letterbx st to 16:9
Auto Image	Execute		
Focus	Near	Far	Stop
Freeze	On	Off	
Input	Component (YPbPr) HDMI BNC	Composite Video S-Video RGB Video	DVI VGA
Iris	Open	Close	Stop
Lamp Mode	Eco	Normal	
Lamp Select	Lamp 1 Auto	Lamp 2	Dual Lamp
Lens Shift	Up Right	Down Stop	Left
Menu Call	Off/On		
Menu Navigation	Up Right	Down OK	Left
On Screen Display[*]	Mode 1	Mode 2	Off
Power Control	On	Off	
Shutter	On	Off	
Source Scan	On	Off	
Speed	Slow	Medium	Fast
Video Mute	On	Off	
Zoom	In	Out	Stop

^{*}OSD mode 1 will disable OSD completely. Mode 2 will only disable screen warnings.

IP Link[®] Device Interface Communication Sheet

Status Available:

Aspect Ratio	1:1 Fill All Letterbx to 16:9	16:9 Fill Aspect Ratio	4:3 Letterbx st to 16:9
Connection Status	Connected	Disconnected	
Device Status	Critical off Status Unavailable	Normal	Critical powering down
Freeze	On	Off	
Input	Component (YPbPr) HDMI BNC	Composite Video S-Video RGB Video	DVI VGA
Lamp 1 Status	Broken Off Status Unavailable	Warming Up Cooling Down	On Lamp is not present
Lamp 1 Usage	Hours		
Lamp 2 Status	Broken Off Status Unavailable	Warming Up Cooling Down	On Lamp is not present
Lamp 2 Usage	Hours		
Lamp Mode	Eco	Normal	
Lamp Select	Lamp 1 Auto	Lamp 2	Dual Lamp
Operation Hours	Hours		
On Screen Display	Mode 1	Mode 2	Off
Power Control	On	Off	
Power Status	Off Cooling Down	On Warming Up	Status Unavailable
Shutter	On	Off	
Serial Number*	8 Digit number		

Status Available: (continued)

Signal Status	Searching	Locked	Status Unavailable
Source Scan	On	Off	
Speed	Slow	Medium	Fast
Video Mute	On	Off	

*If there are leading 0's, they will be cut off when displayed in GlobalViewer. All Serial Numbers are 8 digits long.

IP Link[®] Device Interface Communication Sheet

MLC62 Supported Commands:

Aspect Ratio	1:1 Fill All Letterbx to 16:9	16:9 Fill Aspect Ratio	4:3 Letterbx st to 16:9
Auto Image	Execute		
Focus	Near	Far	Stop
Freeze	On	Off	
Input	Component (YPbPr) HDMI BNC	Composite Video S-Video RGB Video	DVI VGA
Iris	Open	Close	Stop
Lamp Mode	Eco	Normal	
Lamp Select	Lamp 1 Auto	Lamp 2	Dual Lamp
Lens Shift	Up Right	Down Stop	Left
Menu Call	Off/On		
Menu Navigation	Up Right	Down OK	Left
On Screen Display[*]	Mode 1	Mode 2	Off
Power Control	On	Off	
Shutter	On	Off	
Source Scan	On	Off	
Speed	Slow	Medium	Fast
Video Mute	On	Off	
Zoom	In	Out	Stop

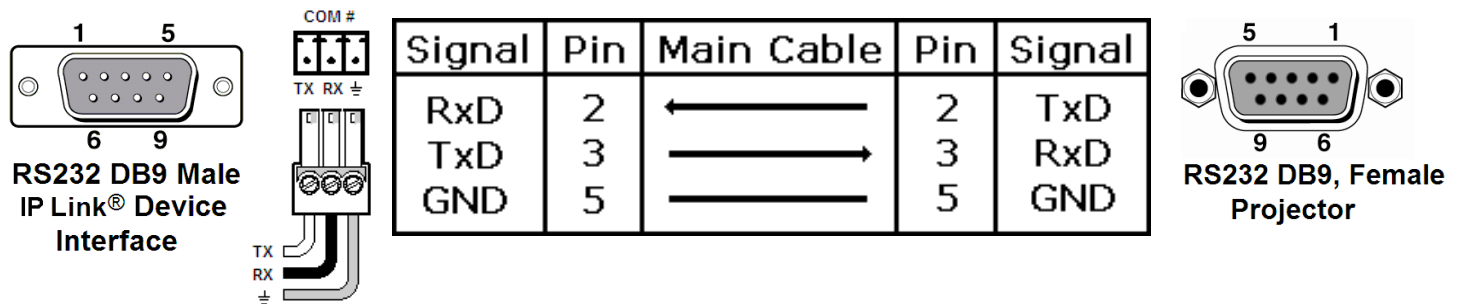
^{*} OSD mode 1 will disable OSD completely. Mode 2 will only disable screen warnings.

Cable and Adapter Requirements:

M/F RS-232 Straight Serial Cable (Extron Electronics P/N 26-433-XX)

Notes for the Device:

Device can support multiple baud rates: 4800, 9600, 19200 bps

Serial communication:**Port Type:** RS-232**Baud Rate:** 19200**Data Bits:** 8**Parity:** None**Stop Bits:** 1**Flow Control:** None**Pin Assignments Diagram:**

Note: Captive screw connector may also be used as a serial connection.

General Notes: